# Special Issue

# Molecular Breeding and Agronomic Traits Improvement of Triticeae Crops

# Message from the Guest Editors

Triticeae crops (wheat, barley, rye, and their wild relatives) provide food for more than 40% of the world's population and are essential for global food security. Recent advances in the dissection of complex traits of Triticeae crops have been made by integrating genomics, transcriptomics, and proteomics; the accelerated selection for yield, quality, and stress resistance traits by linking more genetic markers to these phenotypes; and gene editing (CRISPR), which enables precise modifications of important agronomic traits. These advances allow the continued progression of molecular breeding in Triticeae crops. This Special Issue highlights cutting-edge research on molecular breeding and agronomic trait improvement in Triticeae crops. We welcome studies on genetic dissection from QTL/GWAS, gene discovery using omics data, and precise breeding through marker-assisted selection or CRISPR approaches.

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